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Measurement of 3D spreader position for automatic landing system

Industrial Electronics Society, 2004. IECON 2004. 30th Annual Conference of I

Jung Jae Lee; Gi Gun Nam; Bong Ki Lee; Jang Myung Lee;

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AbstractPlus | Full Text: PDF(736 KB) IEEE CNF 15. Automatic generation of probing operation for estimating contact positio object and environment Yong Yu; Yoshikawa, T.; Tsujio, S.; Intelligent Robots and Systems, 1998. Proceedings., 1998 IEEE/RSJ International Intelligent Robots and Systems, 1998. Volume 2, 13-17 Oct. 1998 Page(s):1157 - 1163 vol.2 Digital Object Identifier 10.1109/IROS.1998.727455 AbstractPlus | Full Text: PDF(680 KB) IEEE CNF 16. Characterization of a neural network-based trajectory recognition optical automated guided vehicle Borges, G.A.; Lima, A.M.N.; Deep, G.S.; Instrumentation and Measurement Technology Conference, 1998. IMTC/98. C Proceedings. IEEE Volume 2, 18-21 May 1998 Page(s):1179 - 1184 vol.2 Digital Object Identifier 10.1109/IMTC.1998.676910 AbstractPlus | Full Text: PDF(580 KB) IEEE CNF 17. Selection of image features for robot positioning using mutual informatic  $\mathbf{r}$ Wells, G.; Torras, C.; Robotics and Automation, 1998. Proceedings. 1998 IEEE International Conference Volume 4, 16-20 May 1998 Page(s):2819 - 2826 vol.4 Digital Object Identifier 10.1109/ROBOT.1998.680478 AbstractPlus | Full Text: PDF(720 KB) IEEE CNF 18. Automatic landing method of a reclaimer on the stockpile \_\_\_ Chintae Choi; Hyunsik Ahn; Kwanhee Lee; Kitae Shin; Robotics and Automation, 1997. Proceedings., 1997 IEEE International Confer Volume 3, 20-25 April 1997 Page(s):1821 - 1826 vol.3 Digital Object Identifier 10.1109/ROBOT.1997.619052 AbstractPlus | Full Text: PDF(564 KB) IEEE CNF 19. Feature-based off-line programming of coordinate measuring machines Hermann, G.; Intelligent Engineering Systems, 1997. INES '97. Proceedings., 1997 IEEE Inte Conference on 15-17 Sept. 1997 Page(s):545 - 548 Digital Object Identifier 10.1109/INES.1997.632476 AbstractPlus | Full Text: PDF(320 KB) IEEE CNF 20. Next best view of range sensor Yu Zhien; Wang Ke; Yang Rong-Guang; Industrial Electronics, Control, and Instrumentation, 1996., Proceedings of the IECON 22nd International Conference on Volume 1, 5-10 Aug. 1996 Page(s):185 - 188 vol.1 Digital Object Identifier 10.1109/IECON.1996.570950 AbstractPlus | Full Text: PDF(396 KB) IEEE CNF 21. Automatic sensor and light source positioning for machine vision  $\Gamma$ Yi, S.; Haralick, R.M.; Shapiro, L.G.; Pattern Recognition, 1990. Proceedings., 10th International Conference on Volume i, 16-21 June 1990 Page(s):55 - 59 vol.1 Digital Object Identifier 10.1109/ICPR.1990.118064 AbstractPlus | Full Text: PDF(420 KB) IEEE CNF

Digital Object Identifier 10.1109/OCEANS.2000.882178

	Wu Wen; Durrant-Whyte, H.F.; Intelligent Robots and Systems '91. 'Intelligence for Mechanical Systems, Proc '91. IEEE/RSJ International Workshop on 3-5 Nov. 1991 Page(s):1448 - 1452 vol.3 Digital Object Identifier 10.1109/IROS.1991.174712  AbstractPlus   Full Text: PDF(392 KB) IEEE CNF
	23. Path planning for automated dimensional inspection using coordinate m
*****	machines Yau, HT.; Menq, CH.;
	Robotics and Automation, 1991. Proceedings., 1991 IEEE International Confer 9-11 April 1991 Page(s):1934 - 1939 vol.3
	Digital Object Identifier 10.1109/ROBOT.1991.131910
	AbstractPlus   Full Text: PDF(512 KB) IEEE CNF
	24. Rule-based contour generation for robotic processes Gamage, L.B.; de Silva, C.W.; TENCON '92. Technology Enabling Tomorrow : Computers, Communications : towards the 21st Century. 1992 IEEE Region 10 International Conference.
	11-13 Nov. 1992 Page(s):649 - 653 vol.2
	Digital Object Identifier 10.1109/TENCON.1992.271891
	AbstractPlus   Full Text: PDF(368 KB) IEEE CNF
	25. Elastic nets and vision-based autonomous navigation Kuhnert, K.D.;
	Industrial Electronics, 1993. Conference Proceedings, ISIE'93 - Budapest., IEE
	Symposium on 1-3 June 1993 Page(s):249 - 256
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